

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1. - 17. (Canceled)

18. (New) An image processing apparatus comprising:

an image reading unit adapted to read a document image;

a designating unit adapted to designate at least one of a plurality of partitioned image storage regions of a memory medium; and

a mode setting unit adapted to set a reading mode, before a reading operation of said image reading unit, the reading mode being one of a first mode in which a document is read both as a color image and as a monochrome image to be stored both as color image data and as monochrome image data in at least one of the image storage regions designated by said designating unit, and a second mode in which a document is read as the monochrome image to be stored as the monochrome image data in at least one of the image storage regions designated by said designating unit.

19. (New) An image processing apparatus according to Claim 18, further comprising a transmission unit adapted to transmit to a destination apparatus, from among the color image data and the monochrome image data stored in the memory medium, image data suitable for the destination apparatus.

20. (New) An image processing apparatus according to Claim 17, further comprising a determining unit adapted to determine whether a document is one of a color document and a monochrome document, wherein, when said determining unit determines in the first mode that the document is a color document, both the color image data and the monochrome image data are stored as the document image data in the memory medium.

21. (New) An image processing apparatus according to Claim 18, wherein image data for a plurality of documents, which are continuously scanned, are stored in the memory medium.

22. (New) An image transmitting apparatus comprising:
an image reading unit adapted to read a document image;
a designating unit adapted to designate at least one of a plurality of partitioned image storage regions of a memory medium; and
a mode setting unit adapted to set one of a first mode in which a document is read in a plurality of formats by said image reading unit to be stored as image data in the plurality of formats in at least one of the image storage regions designated by said designating unit, and, from among the image data in the plurality of formats stored in at least one of the image storage regions, image data in a format suitable for a destination apparatus is transmitted to the destination apparatus, and a second mode, in which a document is read in a single format to be stored as image data in the single format in at

least one of the image storage regions designated by said designating unit, and the image data in the single format stored in the at least one of the image storage region is transmitted to the destination apparatus.

23. (New) An image transmitting apparatus according to Claim 22, wherein the document is scanned both as a color image and a monochrome image, in the first mode, and the document is scanned as a monochrome image, in the second mode.

24. (New) An image transmitting apparatus according to Claim 22, further comprising a determining unit adapted to determine a format of a document, wherein image data in a format corresponding to a determination result obtained by said determining unit is stored in one of the image storage regions, in the first mode.

25. (New) An image transmitting apparatus according to Claim 24, wherein said determining unit determines whether the document is one of a color document and a monochrome document; and

when said determining unit determines in the first mode that the document is a color document, both color image data and monochrome image data are stored as the document image data in the memory medium.

26. (New) An image transmitting apparatus according to Claim 22, wherein image data for a plurality of documents, which are continuously scanned, are stored in the memory medium.

27. (New) A control method for an image processing apparatus which comprises an image reading unit adapted to read a document image and a designating unit adapted to designate at least one of a plurality of partitioned image storage regions of a memory medium, said method comprising a mode setting step of setting a reading mode, before a reading operation of the image reading unit, the reading mode being one of a first mode in which a document is read both as a color image and as monochrome image to be stored both as color image data and as monochrome image data in at least one of the image storage regions designated by the designating unit, and a second mode in which a document is read as the monochrome image to be stored as the monochrome image data in at least one of the image storage regions designated by the designating unit.

28. (New) A control method for an image transmitting apparatus which comprises an image reading unit adapted to read a document image and a designating unit adapted to designate at least one of a plurality of partitioned image storage regions of a memory medium, the method comprising a mode setting step of setting one of a first mode in which a document is read in a plurality of formats by the image reading unit to be stored as image data in the plurality of formats in at least one of the image storage regions designated by the designated unit, and, from among the image data in the plurality of

formats stored in at least one of the image storage regions, image data in a format suitable for a destination apparatus is transmitted to the destination apparatus, and a second mode, in which a document is read in a single format to be stored as image data in the single format in at least one of the image storage regions designated by the designating unit, and the image data in the single format stored in at least one of the image storage regions is transmitted to the destination apparatus.

29. (New) A program storage medium storing a program for controlling an image processing apparatus which comprises an image reading unit adapted to read a document image and a designating unit adapted to designate at least one of a plurality of partitioned image storage regions of a memory medium, said program comprising code for executing a mode setting step of setting a reading mode, before a reading operation of the image reading unit, the reading mode being one of a first mode in which a document is read both as a color image and as a monochrome image to be stored both as color image data and as monochrome image data in at least one of the image storage regions by the designating unit, and a second mode in which a document is read as the monochrome image to be stored as the monochrome image data in at least one of the image storage regions designated by the designating unit.

30. (New) A program storage medium storing a program for controlling an image transmitting apparatus which comprises an image reading unit adapted to read a document image and a designating unit adapted to designate at least one of a plurality of

partitioned image storage regions of a memory medium, said program comprising code for executing a mode setting step of setting one of a first mode in which a document is read in a plurality of formats by the image reading unit to be stored as image data in the plurality of formats in at least one of the image storage regions designated by the designated unit, and, from among the image data in the plurality of formats stored in at least one of the image storage regions, image data in a format suitable for a destination apparatus is transmitted to the destination apparatus, and a second mode, in which a document is read in a single format to be stored as image data in the single format in at least one of the image storage regions designated by the designating unit, and the image data in the single format stored in at least one of the image storage regions is transmitted to the destination apparatus.